

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
4 August 2005 (04.08.2005)

PCT

(10) International Publication Number
WO 2005/071061 A1

(51) International Patent Classification⁷: C12N 1/20

(21) International Application Number:
PCT/KR2004/002991

(22) International Filing Date:
18 November 2004 (18.11.2004)

(25) Filing Language: Korean

(26) Publication Language: English

(30) Priority Data:
10-2003-0090204
11 December 2003 (11.12.2003) KR

(71) Applicant (for all designated States except US): CJ
CORP. [KR/KR]; 500, Namdaemunno 5 ga, Jung-gu,
Seoul 100-095 (KR).

(72) Inventors; and

(75) Inventors/Applicants (for US only): PARK, Young-Hoon
[KR/KR]; 111-102, Mujigaedaerim Apt., Gumi-dong,
Bundang-gu, Seongnam-si, Gyeonggi-do 463-703 (KR).
CHO, Kwang-Myung [KR/KR]; 707-1603, Hyundai
Apt., 753, Ami-ri, Bubal-eup, Icheon-si, Gyeonggi-do

467-866 (KR). KIM, Hye-Won [KR/KR]; 209-809,
Hanshin Apt., Imae-dong, Bundang-gu, Seongnam-si,
Gyeonggi-do 463-906 (KR). KIM, Dae-Cheol [KR/KR];
201-302, Hwanggolmaeulsinmyeong Apt., 1054-3, Yeong-
tong-dong, Paldal-gu, Suwon-si, Gyeonggi-do 442-747
(KR).

(74) Agent: LEE, Duck-Rog; YEIL Patent & Trademark Inter-
national, YEILPAT Bldg., 669-17,, Yorksam-dong, Kang-
nam-ku, Seoul 135-915 (KR).

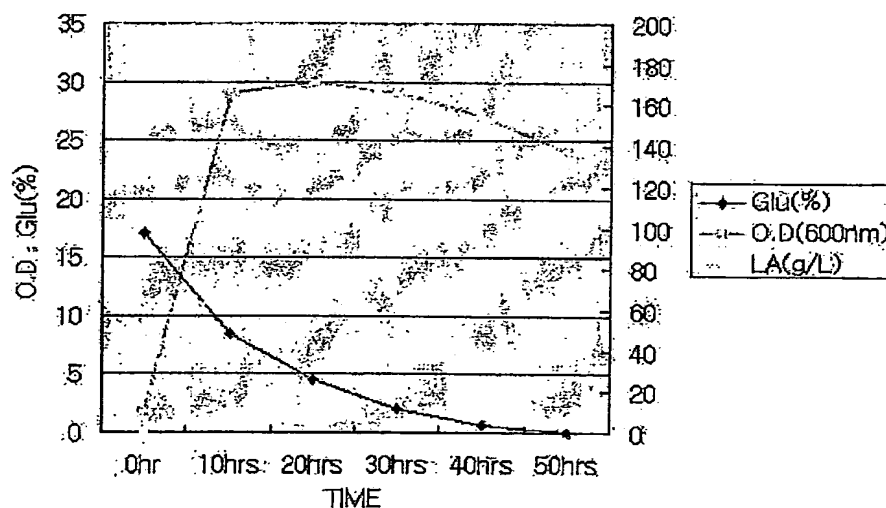
(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG,
MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH,
PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN,
TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,

[Continued on next page]

(54) Title: A METHOD FOR PRODUCING LACTIC ACID WITH HIGH CONCENTRATION AND HIGH YIELD USING LAC-
TIC ACID BACTERIA

LA Fermentation Graph



(57) Abstract: The present invention relates to a method for producing lactic acid with high concentration and high yield using *Lactobacillus paracasei* CJLA0310 KCCM-10542 that is separated and identified from Kimchi. Lactic acid is a very important organic acid with a wide range of applications including food additive such as food preservative, condiment or acidifier, and industrial fields such as cosmetics, chemistry, metals, electronics, fabrics, dyeing textiles, and pharmaceutical industries. Particularly, lactic acid is an essential ingredient of polylactic acid, one of biodegradable plastics to replace recalcitrant non-biodegradable plastics which are main causes of environmental contamination.

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ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE,
SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,
GW, ML, MR, NE, SN, TD, TG).

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Published:

— with international search report